

LIGHT DEFLECTING ELECTRIC MOTOR  
WITH OSCILLATION PREVENTING MEANS  
ABSTRACT OF THE DISCLOSURE

- 5      A light deflecting electric motor includes a stator assembly including a base, a fixed shaft fixed to the base and a stator mounted on the base, a rotor assembly including a rotating member rotatably mounted on a plurality of bearings further mounted on the fixed shaft, a polygon mirror mounted on the rotating member  
10      and a rotor mounted on the rotating member, the rotor assembly having a center of gravity located between the bearings, and a balancing plane provided in the vicinity of a plane which is generally perpendicular to a center of rotation of the rotor assembly and passes the center of gravity of the rotor assembly.